

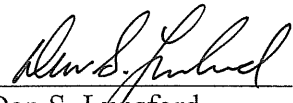
***FY 2008  
Integrated Safeguards and Security Management and Emergency Management  
Gradients and Protocol***

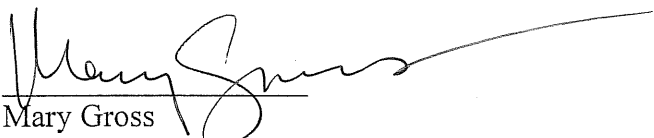
Background Information:

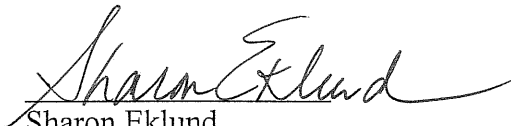
Contract No.:

DE-AC02-05CH11231

Safeguards and Security  
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Introduction

The Safeguards and Security Functional Managers from the Lawrence Berkeley National Laboratory (LBNL), the Department of Energy (DOE), and the University of California Laboratory Operations (UCLO) have agreed to the FY 2008 Mid-Year-Modifications (MYM) described in this document.

**Contract 31**  
**Section 8 Performance Measures**  
**Integrated Safeguards and Security Management**  
**and the Emergency Management System**  
**FY08**

**8.0 Sustain and Enhance the Effectiveness of Integrated Safeguards and Security Management (ISSM) and the Emergency Management System**

**The Contractor sustains and enhances the effectiveness of integrated safeguards and security and emergency management through a strong and well deployed system.**

**8.1 Provide an Efficient and Effective Emergency Management System**

To measure the performance of this objective, the DOE evaluator(s) shall consider the following:

- The Contractor's success in meeting Emergency Management goals and expectations.
- The commitment of leadership to a strong Emergency Management performance is appropriately demonstrated
- The maintenance and appropriate utilization of Emergency Management procedures and processes are effectively demonstrated

8.1.1 The Contractor will demonstrate Emergency Management commitment through developing a long term Emergency Operations Center (EOC) improvement plan for the improvement of emergency operations.

**FY 2008 Target:** Complete assessment of the existing Emergency Operations Center and related training activities, which results in the development of a graded EOC improvement plan approved for funding by September 30, 2008.

Gradient:

A	B+	C	D
Implement LBNL approved improvement plan by 9/30/08.	Complete EOC assessment and LBNL-approved improvement plan by 9/30/08.	EOC assessment and improvement plan incomplete by 9/30/08.	Little or no progress made on completing EOC assessment and improvement plan by 9/30/08.

Protocol:

To be more capable of responding efficiently and effectively when catastrophic events occur, the Lab needs to have a more effective functional Emergency Operations Center (EOC). The first step in accomplishing this effort is to develop a needs assessment of the existing facility, which will be used to develop an EOC improvement plan approved by Lab Management for funding using a graded approach. The Contractor SME will collaborate with the BSO SME in the planning phases.

8.1.2 The Contractor will demonstrate Emergency Management commitment through making short term EOC functional improvements.

**FY 2008 Target:** Complete short term functional improvements by September 30, 2008.

Gradient:

A	B+	C	D
Complete short term functional improvements by 6/30/08.	Complete short term functional improvements by 9/30/08.	Complete one of the two short term functional improvements by 9/30/08.	Little or no progress made in completing short term functional improvements by 9/30/08.

Protocol:

To be a fully functional Emergency Operations Center when responding and managing the immediate coordination of resources as a result of catastrophic events, the Lab needs to create a solid infrastructure to support its emergency response organization (ERO).

The following needs represent the short term EOC improvements:

- 1) Emergency notification system; and
- 2) Satellite phone upgrade to DOE Headquarters EOC (Forrestal Building).

- 8.1 3 The Contractor will demonstrate compliance with DOE 151.1C in a graded approach by conducting a hazards survey and developing an implementation plan, if necessary.

FY 2008 Target: Complete hazards survey in accordance with 151.1C and develop an implementation plan, if necessary, by September 30, 2008. (Note: the target in the PEMP reflects the "A" gradient. PEMP will be adjusted at mid-year)

Gradient:

A	B+	C	D
Develop and implement a plan resulting in a baseline program by 9/30/08.	Complete hazards survey in accordance with 151.1C and develop an implementation plan, if necessary, by 9/30/08.	Partial completion of hazards survey in accordance with 151.1C by 9/30/08.	Little or no progress made in completing hazards survey in accordance with 151.1C by 9/30/08.

Protocol:

A Service Contractor will be retained to conduct a hazards survey as described in DOE 151.1C. As a result of the survey an implementation plan will be developed, if necessary, for achieving a Baseline Program or a Hazardous Material Program. The Contractor's SME will collaborate with the Service Contractor and BSO SME.

## 8.2 Provide an Efficient and Effective System for Cyber-Security

To measure the performance of this objective, the DOE evaluator(s) shall consider the following:

- The Contractor's success in meeting Cyber-Security goals and expectations;
- The commitment of leadership to a strong Cyber-Security performance is appropriately demonstrated
- Integration of Cyber-Security into the culture of the organization for effective deployment of the system is demonstrated; and
- The maintenance and appropriate utilization of Cyber-Security risk identification, prevention, and control processes/activities.

- 8.2.1 The contractor will demonstrate commitment to cyber security and continuous improvement across a group of performance metrics which include training performance, corrective action management, certification and accreditation, risk assessment, and self assessment with stretch goals for new initiatives in training.

FY 2008 Target: Score of 85 or above on Cyber Security 2008 Scorecard, which is based on the following performance targets:

- Laboratory conducts internal and external reviews of security program;
- Corrective actions from Plans of Actions and Milestones (POA&Ms) completed on target;
- Risk assessment conducted for enclaves;
- New or improved management, operational, and technical controls in place;
- Cyber training of employees;
- Cyber training of guests;
- Personal Identifying Information (PII) training developed, and delivery to applicable individuals; and,
- Pursuit of system certification.

Gradient:

A	B+	C	D
>85	85	75	65

Protocol:

100 point scorecard negotiated separately.

### **8.3 Provide an Efficient and Effective System for the Protection of Special Nuclear Materials, Classified Matter, and Property**

To measure the performance of this objective, the DOE evaluator(s) shall consider the following:

- The Contractor's success in meeting Safeguard goals and expectations
- The commitment of leadership to strong Safeguards performance is appropriately demonstrated
- Integration of Safeguards into the culture of the organization for effective deployment of the system is demonstrated
- The maintenance and appropriate utilization of Safeguards risk identification, prevention, and control processes/activities

- 8.3.1 The Contractor will ensure on-going compliance with internal procedures to implement DOE Manual 470.4-6 in a graded approach. The Contractor will develop corrective actions addressing peer review findings and submit to BSO for approval.

FY 2008 Target: Schedules and conducts peer review of LBNL MC&A Plan by 05/31/08. The contractor will develop and submit peer review Corrective Action Plan, if required, to BSO by 07/31/08.

Gradient:

A	B+	C	D
Schedules and conducts peer review of MC&A Plan resulting in no outstanding corrective actions by 9/30/08.	Schedules and conducts peer review of MC&A Plan by 05/31/08. Develops and submits peer review Corrective Action Plan to BSO by 07/31/08.	Schedules and conducts peer review of MC&A Plan by 07/31/08 Develops and submits peer review Corrective Action Plan to BSO by 09/30/08.	Schedules and conducts peer review of MC&A Plan by 09/01/08 and Corrective Action Plan not submitted to BSO by 9/30/08.

Protocol:

N/A

#### **8.4 Provide an Efficient and Effective System for the Protection of Classified and Sensitive Information**

- 8.4.1 The Contractor will assure that classified and sensitive information are handled in an efficient and effective manner.

FY 2008 Target: Develop guidance on the protection of classified and sensitive information and make available on the Laboratory's security website by March 31, 2008.

Gradient:

A	B+	C	D
Complete the guidance and place it into the SSP and make available on the security website by March 31, 2008	Complete the guidance and make available on the security website by March 31, 2008	Guidance completed but not in the SSP or on the security website by September 30, 2008	Little or no progress made on guidance by September 30, 2008

Protocol:

LBNL will seek concurrence from BSO in developing the guidance